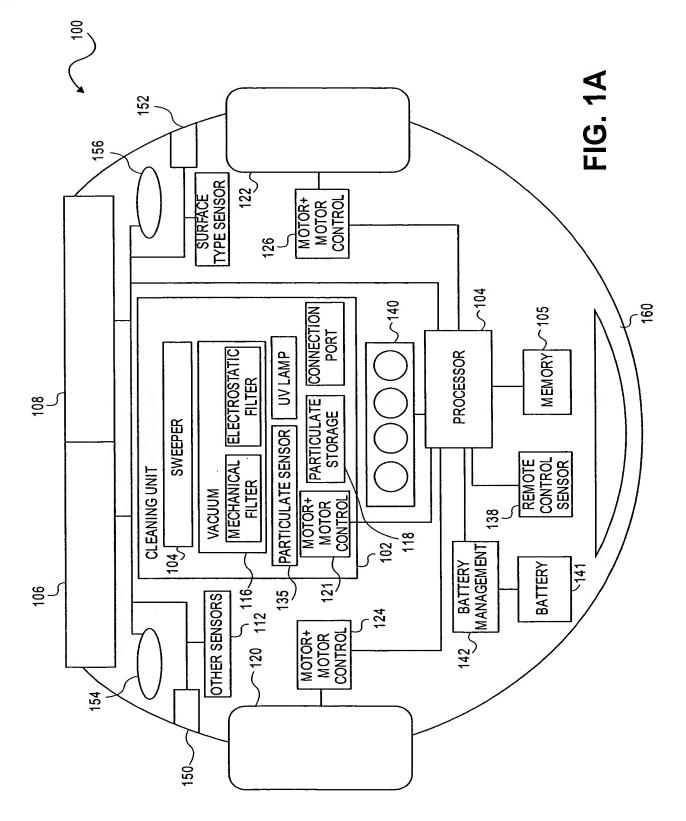
Title: ROBOT VACUUM WITH LOCALIZED CLEANING ALGORITHM
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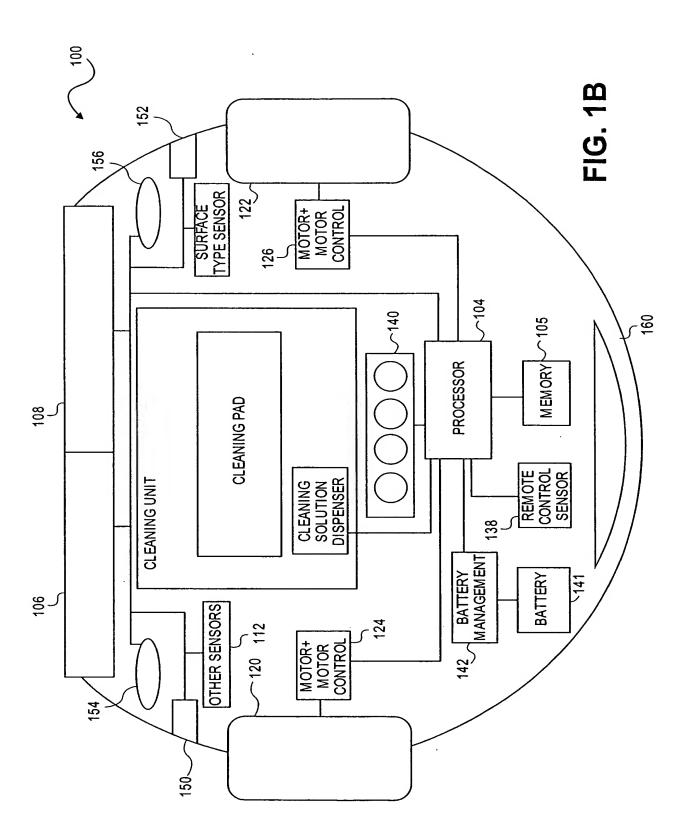
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Attorney: Joseph P. O'Malley
Phone: (415) 362-3800

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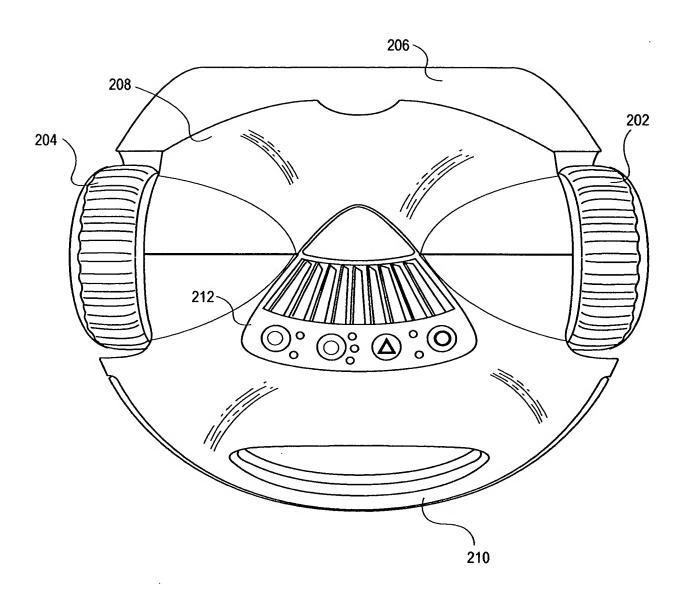


FIG. 2A

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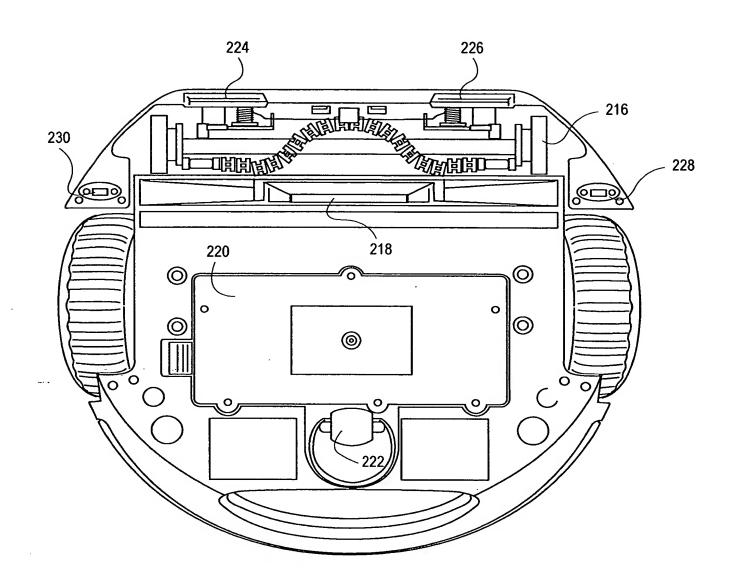


FIG. 2B

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Attorncy: Joseph P. O'Malley
Phone: (415) 362-3800

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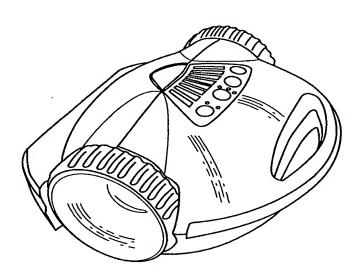


FIG. 2C

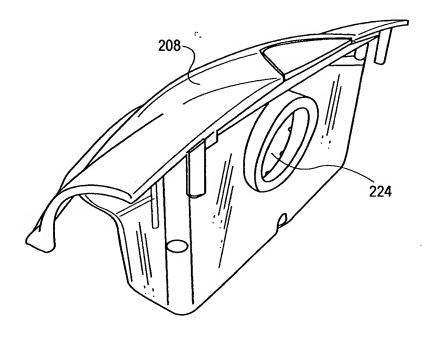


FIG. 2D

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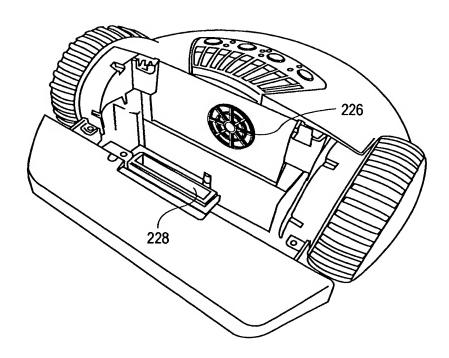


FIG. 2E

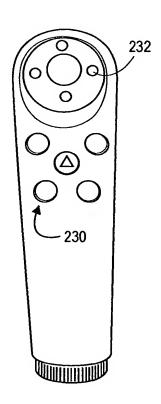


FIG. 2F

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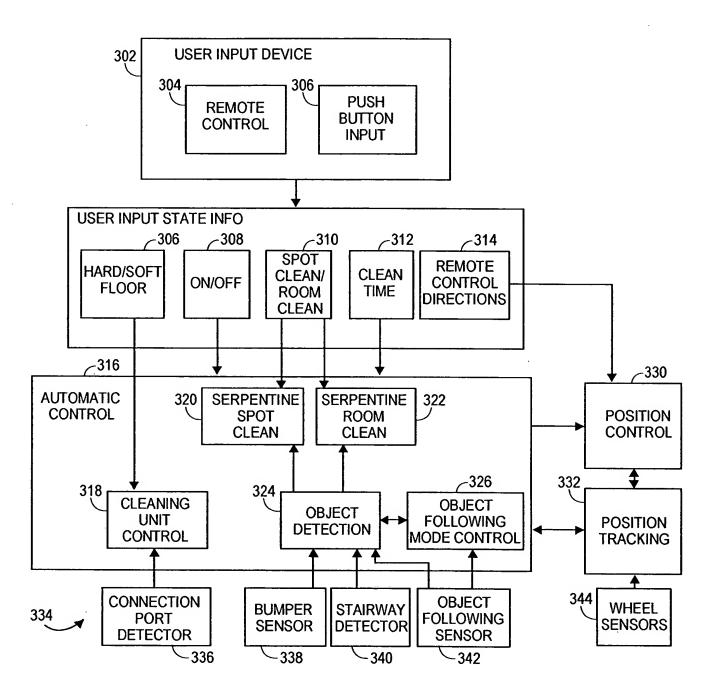


FIG. 3

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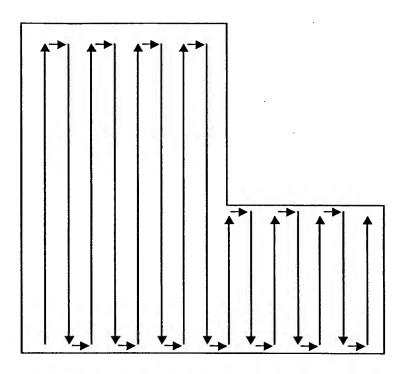


FIG. 4

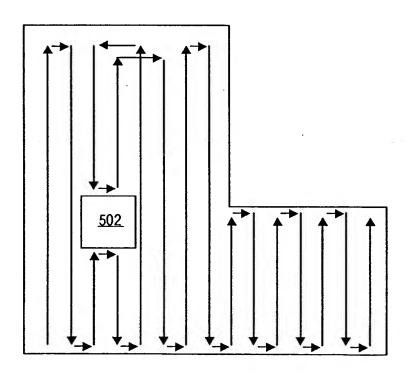


FIG. 5

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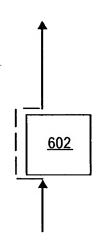


FIG. 6

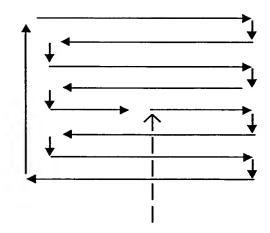


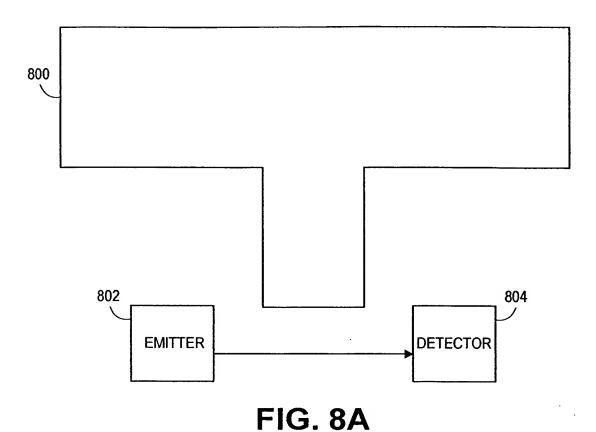
FIG. 7

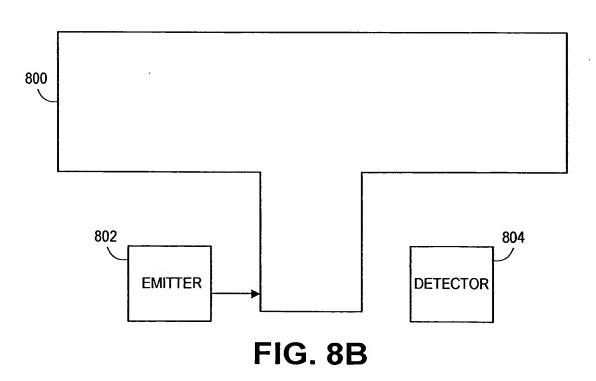
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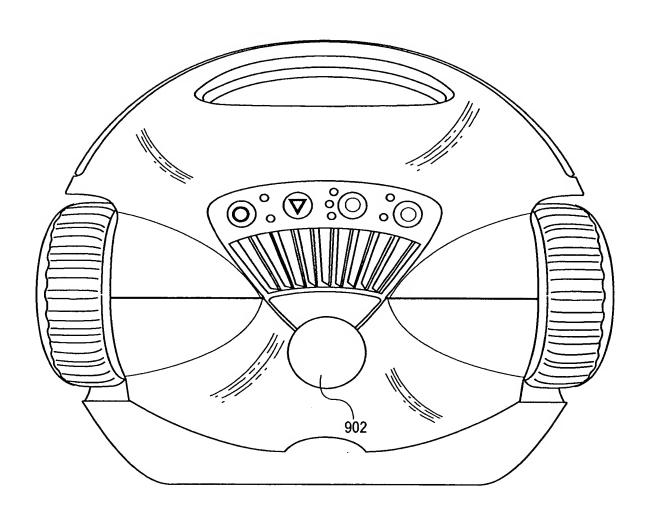


FIG. 9A

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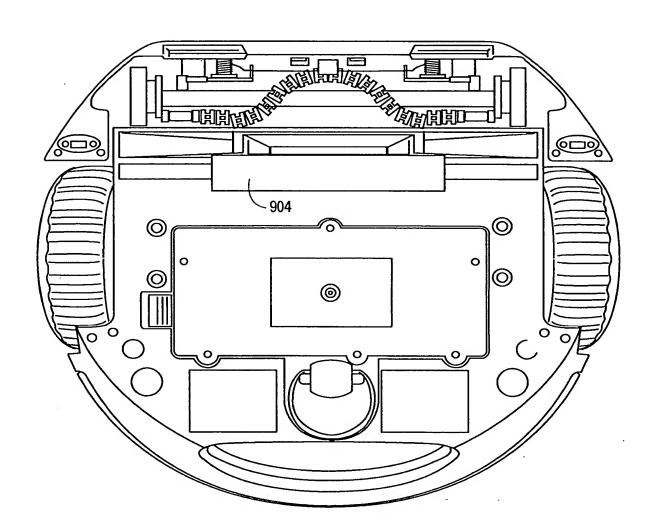
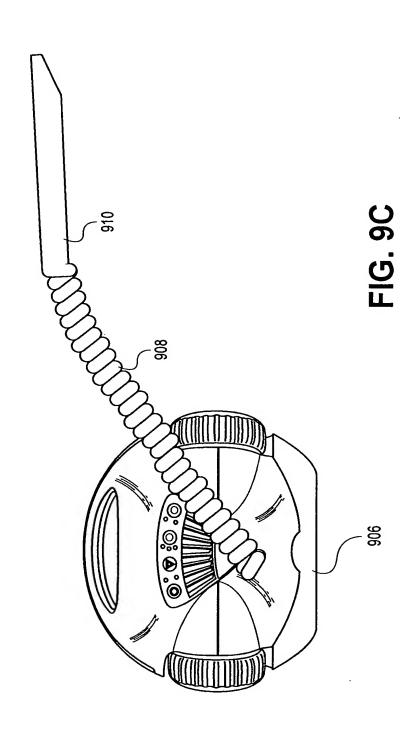


FIG. 9B

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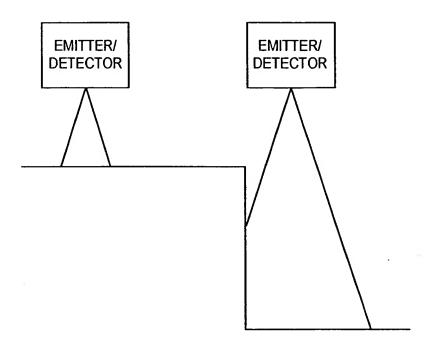


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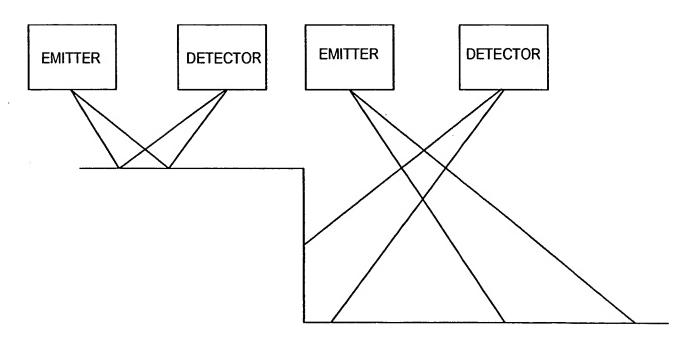
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**FIG. 10A** 



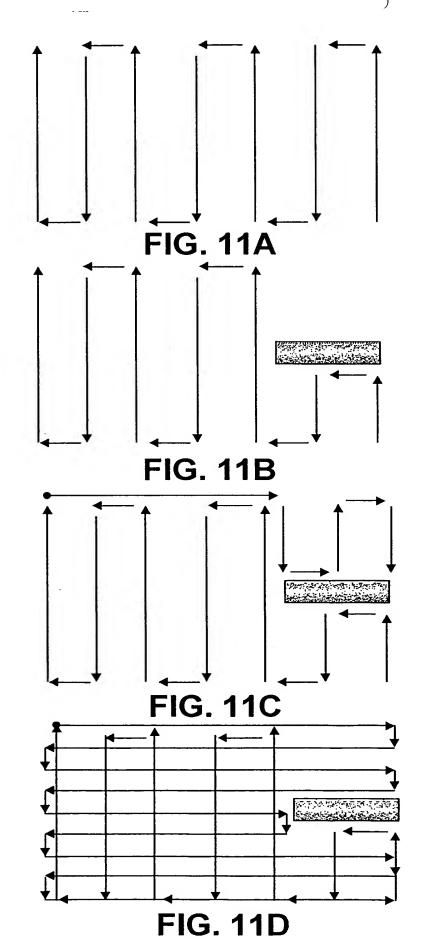
**FIG. 10B** 

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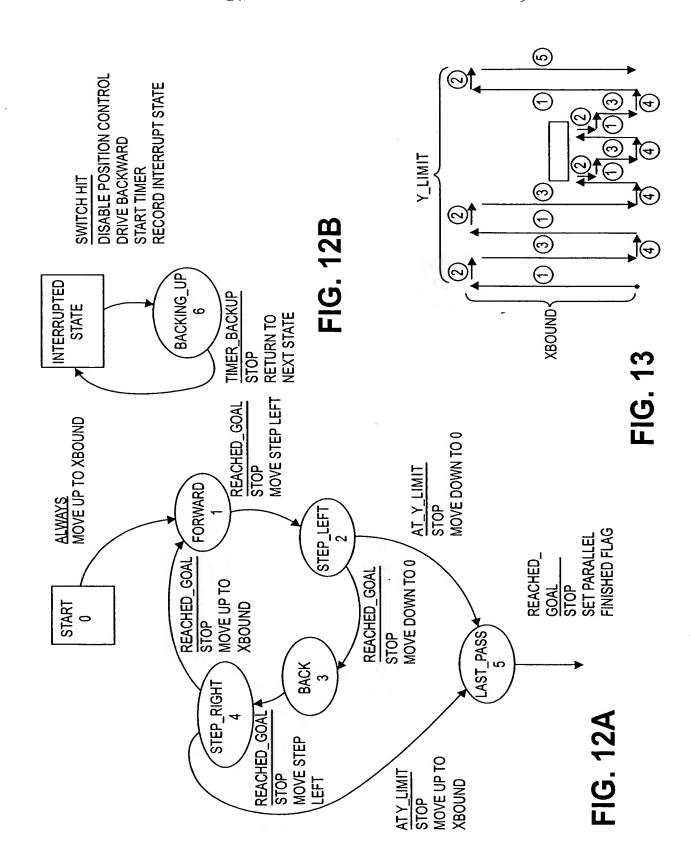


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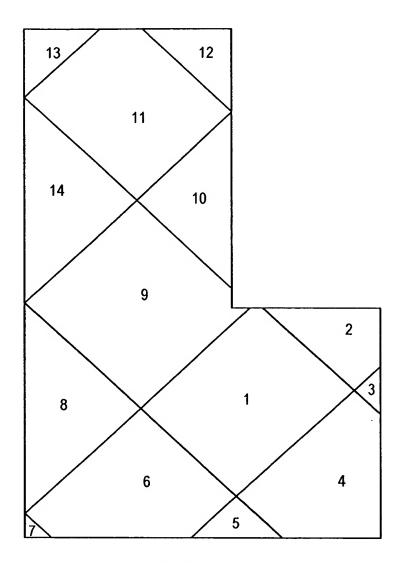


FIG. 14

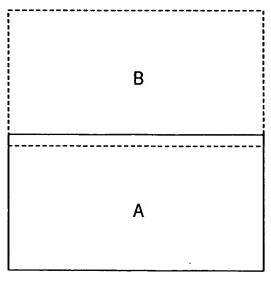


FIG. 15

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PREVIOUS SUBGRIDS SUBGRID FIG. 16B ~ ~ ~

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## SUB GRID MAP MAP